SPECIFICATIONS

8—1. General Characteristics.

- Max Display ····· 1999 Counts(3 1/2 Digit) with automatic polarity indication
- Max Input Current of AC & DC ····· 20A
- Reading Time ····· 1-2 reading per second
- Operating Temperature ····· 0℃ to 40℃(32℉ to 104℉)
- Storage Temperature ····· −10℃ to 50℃(14℉ to 122℉)
- Temperature for Guaranteed Accuracy ····· +23℃±5℃
- Battery type ····· NEDA 1604 9V or 6F22 9V
- Size(H×W×L) ····· 84×187×34mm
- Net weight ····· 305g±10g(Incl 9V Battery)
- Accessories ····· Suppliped ····· Operating Manual, A pair of Test Leads, A Spare Fuse, A 9V Battery
  Optional ····· Carrying Case, Interface Cable MT/RS-232C, Floppy disc with software, K-type thermocouples

8-2. Special Characteristics.

MODEL	FUNCTION	RANGE	ACCURACY	RESOLUTION
M-3610D M-3630D M-3650D	DC VOLTAGE	200 mV 2 V 20 V 200 V	±0.3% of rdg+1 dgt	100 uV 1 mV 10 mV 100 mV
		1000 V	±0.5% of rdg+1 dgt	1 V
	AC VOLTAGE	200 mV 2 V 20 V 200 V	±0.8% of rdg+3 dgts	100 uV 1 mV 10 mV 100 mV
		750 V	±1.2% of rdg+3 dgts	1 V
	RESIST-ANCE	200 Ω 2 KΩ 20 KΩ 200 KΩ 2 MΩ	±0.5% of rdg+3 dgts	0.1 Ω 1 Ω 10 Ω 100 Ω 1 KΩ
		20 MΩ	±1.0% of rdg+2 dgts	10 KΩ
		※ 2000 MΩ	±5.0% of rdg+5 dgts	1 MΩ

MODEL	FUNCTION	RANGE	ACCURACY	RESOLUTION
M-3610D M-3630D M-3650D	DC CURRENT	200 uA 2 mA 20 mA	±0.5% of rdg+1 dgt	0.1 uA 1 uA 10 uA
		200 mA	±1.2% of rdg+1 dgt	100 uA
		20 A	±2.0% of rdg+5 dgts	100 mA
	AC CURRENT	200 uA 2 mA 20 mA	±1.0% of rdg+3 dgts	0.1 uA 1 uA 10 uA
		200 mA	±1.8% of rdg+5 dgts	100 uA
		20 A	±3.0% of rdg+5 dgts	10 mA

Notes : 1. DC/AC Current
20mA-Not available in M-3610D

MODEL	FUNCTION	RANGE		ACCURACY	RESOLUTION
M-3610D M-3630D M-3650D	FREQUENCY	2 KHz 20 KHz 200 KHz		±1.0% of rdg+1 dgt	1 Hz 10 Hz 100 Hz
		1 MHz		±1.0% of rdg+1 dgt	1 KHz
		※ 2 MHz ※ 20 MHz		±1.0% of rdg+1 dgt	1 KHz 10 KHz
	CAPACITANCE	LOW	2 nF	±2.0% of rdg+10 dgts	1 pF
			20 nF 200 nF	±2.0% of rdg+3 dgts	10 pF 100 pF
		HIGH	2 uF	±3.0% of rdg+10 dgts	1 nF
			20 uF	±3.0% of rdg+5 dgts	10 nF
			200 uF	±4.0% of rdg+5 dgts	100 nF
	DIODE	Measures forward resistance of a semiconductor junction in KΩ a test current of 1 mA.			

Notes : 1. FREQUENCY : ※Not available in M-3610D & M3630D.
2. CAPACITANCE : Not available in M-3610D

8 – 2. Special Characteristics.

MODEL	FUNCTION	RANGE	ACCURACY	RESOLUTION
M–3640D M–3660D	DC VOLTAGE	200 mV	± 0.3% of rdg + 1 dgt	100 uV
		2 V		1 mV
		20 V		10 mV
		200 V		100 mV
		100 V	± 0.5% of rdg + 1 dgt	1 V
	AC VOLTAGE (True rms)	200 mV	± 0.8% of rdg + 3dgts	100 uV
		2 V	±2.5% of rdg+5dgts	1 mV
		20 V		10 mV
		200 V		100 mV
		750 V	± 1.5% of rdg + 3 dgts	1 V
	RESIST-ANCE	200 Ω	± 0.5% of rdg + 3 dgts	0.1 Ω
		2 KΩ		1 Ω
		20 KΩ		10 Ω
		200 KΩ		100 Ω
		2 MΩ		1 KΩ
		20 MΩ	± 1.0% of rdg + 2 dgts	10 KΩ

Notes : AC Voltage(True rms)

1. The nominated accuracy is guaranteed when the input value is full-scale basis.
2. Frequency for accuracy
   - 40Hz to 20 KHz for 200mV, 2V, 20V & 200V.

MODEL	FUNCTION	RANGE	ACCURACY	RESOLUTION
M-3640D M-3660D	DC CURRENT	2 mA	±0.5% of rdg+1 dgt	0.1 uA 1 uA 10 uA
		200 mA	±1.2% of rdg+1 dgt	100 uA
		20 A	±2.0% of rdg+5 dgts	100 mA
	AC CURRENT	2 mA	±1.0% of rdg+3 dgts	0.1 uA 1 uA 10 uA
		200 mA	±1.8% of rdg+5 dgts	100 uA
		20 A	±3.0% of rdg+5 dgts	10 mA
	TEMPERATURE	-40℃~200℃	±3.0% of rdg+5 dgts	1℃
		200℃~1200℃	±3.0% of rdg+2 dgts	
	dB	200 mV 20 V	±3.0% of rdg+5 dgts	0.1dB

Note : AC Current
Frequency for accuracy
- 40 Hz to 10 KHz for 2 mA & 200mA ranges.
- 40 Hz to 1 KHz for 20A range.

MODEL	FUNCTION	RANGE		ACCURACY	RESOLUTION
M-3640D 3660D	FREQUENCY	2 KHz 20 KHz 200 KHz		±1.0% of rdg +1 dgt	1 Hz 10 Hz 100 Hz
		1 MHz		±1.0% of rdg +1 dgt	1 KHz
		※ 2 MHz ※ 20 MHz		±1.0% of rdg +1 dgt	1 KHz 10 KHz
	CAPACITANCE	LOW	2 nF	±2.0% of rdg +10 dgts	1 pF
			20 nF 200 nF	±2.0% of rdg +3 dgts	10 pF 100 pF
		HIGH	2 uF	±3.0% of rdg +10 dgts	1 nF
			20 uF	±3.0% of rdg +5 dgts	10 nF
			200 uF	±4.0% of rdg +5 dgts	100 nF
	DIODE	Measures forward resistance of a semiconductor junction in KΩ a test current of 1 mA.			

Note : FREQUENCY : ※ Not available in M-3640D.